

WHAT IS CLAIMED IS:

1. A safety shield apparatus comprising:
a needle shield having a planar contact surface;
5 a pad having a first surface mountable to the planar contact surface and a second surface configured for engagement with a body surface.

2. The safety shield apparatus according to claim 1 wherein said pad is made from a foam material.

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3. The safety shield apparatus according to claim 1 wherein said pad is made from a felted material.

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4. The safety shield apparatus according to claim 1 wherein said pad is made from a breathable material.

5. The safety shield apparatus according to claim 1 wherein said pad is made from a material configured for wicking moisture.

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6. The safety shield apparatus according to claim 1 wherein said pad is impregnated with an antimicrobial agent.

7. The safety shield apparatus according to claim 1 wherein at least one of said surfaces includes a thin film coating disposed thereon.

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8. The safety shield apparatus according to claim 7 wherein said thin film coating is perforated.

9. The safety shield apparatus according to claim 1 wherein said pad comprises:
a planar shape having a thickness defining a peripheral surface connecting said first and
second surfaces; and
a slit extending from said peripheral surface to about a center of said pad.

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10. The safety shield apparatus according to claim 9 wherein said pad further comprises a
notch leading from said peripheral surface into said slit.

11. The safety shield apparatus according to claim 9 wherein said planar shape comprises a
10 disk.

12. The safety shield apparatus according to claim 9 further comprising a needle operatively
disposed with said needle shield wherein said pad is retained to said needle safety device by a
friction fit between said pad and said needle.

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13. The safety shield apparatus according to claim 12 wherein said friction fit is provided
between said slit and said needle.

14. The safety shield apparatus according to claim 1 wherein said pad is permanently
20 attached to said planar contact surface.

15. The safety shield apparatus according to claim 1 wherein said pad further includes at least
one through-hole.

25 16. The safety shield apparatus according to claim 1 further comprising means for attachment
of said pad to a safety shield apparatus.

17. The safety shield apparatus according to claim 1 wherein said needle shield comprises a
Huber safety needle shield.

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18. A safety shield apparatus comprising:
a needle having a distal portion and a proximal portion;
an extensible needle shield having a distal end planar contact surface and a proximal end attached to said proximal portion of said needle; and
5 a pad adapted for spacing between said planar contact surface and a subject's skin;
said pad including
a first surface adapted for disposal against said planar contact surface;
a second surface adapted to for disposal against said subject's skin;
a planar shape having a thickness defining a peripheral surface connecting said
10 first and second surfaces; and
a slit extending from said peripheral surface to about a center of said pad;
wherein said pad is retained to said safety shield apparatus by a friction fit between said pad and said needle.

15 19. The safety shield apparatus according to claim 18 wherein said pad further comprises:
a notch leading from said peripheral surface into said slit; and
at least one through hole providing fluid communication between said first and second surfaces.

20 20. A safety shield apparatus comprising:
a needle having a distal portion and a proximal portion;
an extensible needle shield having a distal end planar contact surface and a proximal end and attached to said proximal portion of said needle; and
a pad adapted for spacing between a planar contact surface of a safety needle device and
25 a subject's skin,
wherein said pad comprises:
a first surface adapted for disposal against said planar contact surface;
a second surface adapted to for disposal against said subject's skin;
a planar shape having a thickness defining a peripheral surface connecting said
30 first and second surfaces; and
wherein said pad is permanently attached to said needle safety device.